

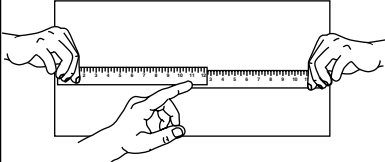

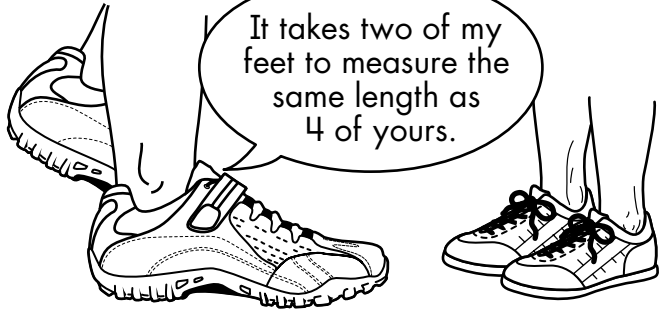


## About the Mathematics in This Unit (page 1 of 2)

Dear Family,

We are starting a new unit in mathematics called *Measuring Length and Time*. Students will be investigating linear measurement as it applies to length and distance. We will work with a variety of linear units including standard units of inches, feet, yards, centimeters, and meters. Students will also build on their work telling time as they measure duration of events using timelines and schedules.

Throughout this unit, students will be working toward these goals:

BENCHMARKS/GOALS	EXAMPLES
Identify sources of measurement error.	 <p>The rulers should be end to end.</p>
Recognize that the same count of different-sized units yields different lengths.	<p>Look! 3 markers are longer than 3 glue sticks.</p> 
Recognize that, when measuring the same length, larger units yield smaller counts.	 <p>It takes two of my feet to measure the same length as 4 of yours.</p>

(continued)



## About the Mathematics in This Unit (page 2 of 2)

BENCHMARKS/GOALS	EXAMPLES
Measure objects using inches and centimeters.	
Use a ruler to measure lengths longer than one foot.	
Solve problems involving the beginning time of an event, ending time of an event, and duration of the event; given two of these, find the third for events beginning and ending on the hour or half-hour.	<p style="text-align: center;"><b>School Day Schedule</b></p> <p>9:30 Meeting    12:00 Lunch    1:00 Reading  10:00 Math    12:30 Recess    2:00 Science  11:00 Writing    3:00 Dismissal</p> <p>How long is math class? How long is lunch?  If an after-school program begins at 3:30 and lasts <math>1\frac{1}{2}</math> hours, when does it end?</p>
Use a timeline to record and determine duration to the hour or half-hour.	<p style="text-align: center;">School Day Schedule</p> <p style="text-align: center;">How long is the school day?</p>

You will soon receive suggestions for activities to do at home that further support the mathematics in this unit. We look forward to sharing our measurement work with you.